Non-Government Organizations (NGOs). The proposals discussed to revamp the strategy include among others, focusing on quantit>' of river waters as much as on quality, redesingning institutional arrangements at the National and State level, developing suitable indicators for measurement of water quality, integration with urban development-Pians, social mobilization and independent oversight.

(c) and (d) The pollution abatement works are implemented through Implementing Agencies nominated by the State Government for the purpose. A multi-tier monitoring mechanism at the Centre and State level reviews the policy issues, Amding pattern and progress of works from time to time. The States have been advised to ensure coordination among various Departments/agencies at the implementation level throuhg holding regular meeting by Principal Secretary/Chief Secretary and to sort out inter-sectoral issues like acquisition of land, power supply, mobilization of resources among other$.

Restoration of Kolleru lake

1054. SHRI M. V. MYSURA REDDY: Will the PRIME MINISTER be pleased to state:

whether any action plan has been prepared by his Ministry for restoration of water channels for free flow of flood waters into the sea and also for ecological restoration of the Kolleru lake;

if so, the details thereof; and

the steps being taken by Government to give permission to the State of Andhra Pradesh for utilization of the funds collected from State (AMPA) for restoration of Kolleru lake?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) and (b) Only part of Kolleru lake has been notified as Wildlife Sanctuary. There are no canals within this area. Hence the question of preparing Action Plan for restoration of canals does not arise. However, the flood waters of the Lake are drained through Upputeru drain (which is outside the Sanctuary) into the sea.

(c) The Government of Andhra Pradesh has proposed for utilization of CAMPA funds to an extent of Rs. 40 crores (Rs. 30 crores for construction of Vents across the roads passing through the Sanctuary to facilitate the free flow of water and the balance Rs. 10 crores for developmental works in the Sancbiary.

Monitoring of threat posed by global wanning

1055. SHRI SHARAD ANANTRAO JOSHI: Will the PRIME MINISTER be pleased to state:

whether there is any Department or Agency in the State that is monitoring the threat posted by global warming;

if so, whether any 'satellite imaging' and other meteorological studies, such as average mean temperature rise, precipitation, Green House Gases levels, etc. have been undertaken; abd

(c) whether efforts are being made by the State to obtain essential data in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (c) Indian Scientists and Meteorologists have studied the climate data of more than 100 years available from the Indian Meteorological Department's (IMD's) network of meteorological stations spread all over the country. Average surface temperature over India as a whole has shown warming trend of the order of 0.5°C during the 1901 -2006 with large spatial variations. No significant trends have been observed in rainfall during last century. However, decadal variations were found, which are within natural fluctuations.

Forest land under encroachment

1056. SHRI ABU ASIM AZMI: Will the PRIME MINISTER be pleased to state:

the total area of the forests which is under encroachment in the country, State-wise;

the details of steps initiated by Government to get the land evicted from the encroachers and safeguard the forest land;

if so, the details thereof; and

if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI S. REGUPATHY): (a) As per the reports received from State Forest Departments, the total area of forests under encroachment in the country is 14.54 lakh hectares. The Statewise details are given in the Statement *(See* below).

(b) and (c) The actions to evict the encroachers and safeguard the forest land are taken by the respective State/UT Governments in accordance with extant Acts/Rules. Some of the steps to safeguard the forest land from the encroachers include-

Demarcationof forest areas by fixing of boundary pillars.

Regular inspections by field staff.

Establishment of chowkies in forest areas.

Strengthening of communication system.

Active involvement of local communities through Joint Forest Management Institutions in protection and management of forest resources etc.

(d) Does not arise.

Statement

State-wise details of the total area of forests under encroachment in the country

Sl.No. States	Area Under Encroachment (ha)
1. Andhra Pradesh	293000(15/10/07)
2. Bihar	2634(5/9/07)
3. Chhattisgarh	56490(31/8/07)
4. Gujarat	24774(31/3/07)